

- ☒ The material/service must be compatible in all aspects (form, fit and function) with existing systems presently installed. Describe the equipment you have now and how the new item/service must coordinate, connect, or interface with the existing system.

The requested Amphenol cables are a circular connector series designed for harsh environments, particularly those with wide temperature ranges and high mechanical vibrations. These cables are adapted for fiber optics by using M29504/4 and /5 termini. These termini fit into any size 16 contact cavities. The tightly toleranced fiber optic cables ensure precise alignment with precision machined polarization keys and keyways which reduce radial misalignment. This precision yields superior optical performance when compared to standard cables. The cables also have a positive bottoming surface and conductive surface plating, assuring exceptional EMI/RFI performance. All cables feature a non-conductive insert making this a great connector choice when optical fibers and electrical wires must be used in the same connector. The cables offer a wide range of sizes and insert patterns.

See line item detail on the solicitation for the product description and part number information.